

Title (en)
Outside handle device

Title (de)
Aussentürgriff

Title (fr)
Poignée extérieure

Publication
EP 1443164 A3 20061025 (EN)

Application
EP 04001984 A 20040129

Priority
JP 2003021088 A 20030129

Abstract (en)
[origin: EP1443164A2] An outside handle device includes a handle portion provided at the outside of a vehicle door, a handle frame fixed to the vehicle door and supporting the handle portion via an arm portion provided on the handle portion. The arm portion is provided with an engaging means, and the handle frame is provided with an engaged means which designates an assembling direction of the arm portion by engaging with the engaging means.

IPC 8 full level
E05B 1/00 (2006.01); **B60J 5/00** (2006.01); **E05B 79/06** (2014.01); **E05B 81/54** (2014.01); **E05B 81/78** (2014.01); **E05B 85/16** (2014.01)

CPC (source: EP US)
E05B 79/06 (2013.01 - EP US); **E05B 81/78** (2013.01 - EP US); **E05B 85/16** (2013.01 - EP US)

Citation (search report)

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- [A] DE 4212291 A1 19931014 - DAIMLER BENZ AG [DE]
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- [A] DE 10132925 A1 20030102 - BOSCH GMBH ROBERT [DE]
- [A] EP 1108834 A2 20010620 - BOSCH GMBH ROBERT [DE]

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EP1582659A3; US2017226780A1; US10612281B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)
AL LT LV MK

DOCDB simple family (publication)
EP 1443164 A2 20040804; EP 1443164 A3 20061025; JP 2004232300 A 20040819; US 2004251709 A1 20041216; US 7029054 B2 20060418

DOCDB simple family (application)
EP 04001984 A 20040129; JP 2003021088 A 20030129; US 76588804 A 20040129